Temporary temperature override

To temporary override the current set temperature,

1. Press ▲ or ▼ button once, the set temperature starts flashing
2. Press ▲ or ▼ button again to adjust the set temperature
3. Wait for 5 seconds to confirm the setting with "*OVERRIDE*" shown on LCD

Now your thermostat will maintain the new set temperature until the next setpoint. To cancel the override setting, press and hold button ✿ for 5 seconds until "*OVERRIDE*" disappear.

Vacation mode

To set vacation mode press and hold the ▲ button for 3 seconds until ✿ appears. Use same procedure to exit this mode.

Vacation mode will maintain a set temperature(default 10°C) all the time. Press ▲ or ▼ button to change the set point and wait for 5 seconds to accept and exit.

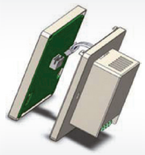
STEP 1

1

Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat

STEP 2

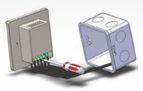
2



Carefully unplug the ribbon connector which is plugged in to the front half of the thermostat

STEP 3

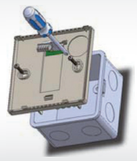
3



Place the thermostat front half somewhere safe Terminate the thermostat as shown in the diagrams below

STEP 4

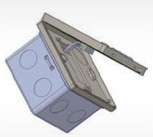
4



Screw the thermostat back plate on to the back box

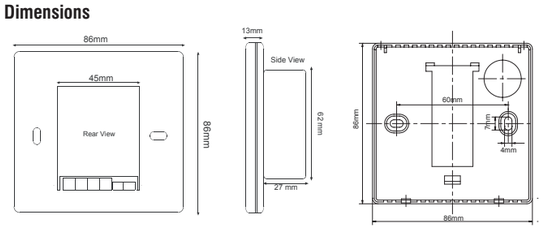
STEP 5

5

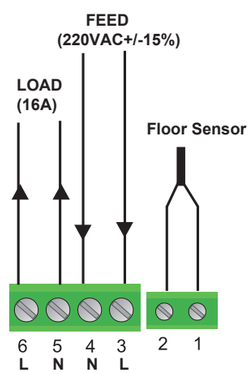


Re-connect the thermostat ribbon cable and clip the two halves together

Dimensions



Wiring Diagram



This product should be installed by a qualified electrician.

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DIGITAL THERMOSTAT
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LCD Symbols

Symbols	Description
⏻	Turning on/off the thermostat
🔒	The buttons are locked
🔥	Heating is turned on
RT	Room temperature
FT	Floor temperature
AUTO	Automatic mode, executes the programmed schedules
▼	Decrease
O/RIDE	Temporary temperature override
Program 1,2,3,4	The program number
☀	Comfort temperature mode
☾	Economy temperature mode
🧳	Vacation temperature mode
❄	Frost protection activated
▲	Increase

Optional Remote Controller Buttons

Optional Remote Controller (Remote control model only)

1. Turn on/off thermostat
2. Confirm setting
3. Program button
4. Lock or unlock buttons
5. Menu (in OFF mode)
6. Set Day
7. Set time
8. Auto / Manual selection
9. View floor temp (AF model only)
10. Cancel override
11. Vacation mode
12. Decrease the set value
13. Increase the set value

General Settings

Press ⏻ buttton to Turn on/off the thermostat. When thermostat is turned off, the LCD will only display current temperature reading. When the thermostat is turned off, press and hold button M for 3 seconds to bring up a configuration menu. In this mode, press button M to select different features' setting.

For a more in depth description of the menu features please see overleaf.

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Menu #	Features description	Features Explanation	Adjustment (press up or down button to adjust)
01	Model (Model Selection)	This thermostat is a combination model allowing you to choose between 3 different models. A, AF and F model. A model: air only, with built in sensor AF model: air & floor, with both built in and remote sensor F model: floor only, with remote sensor	A, AF, F
02	Sd (switching differential)	The numbers of degree difference before switching. The default is 1°C which means the thermostat will switch the heating on 0.5°C below the set temperature and will turn it off 0.5°C above the set temperature. With a 2°C differential, the heating will switch on 1°C below the set temperature and will switch off 1°C above the set temperature.	1 = 1 degree(default), 2 =2 degrees
03	ATC (air temp calibrate)	This is to calibrate air temperature if required.	-1 = decrease 1 degree, 1 = increase 1 degree...
04	FTC (floor temp calibrate)	This is to calibrate floor temperature if required.	-1 = decrease 1 degree, 1 = increase 1 degree...
05	Maximum floor temperature	This is to protect the floor surface by limit the floor temp. (AF model only)	5s, 10s, 15s, 20s (default), 25s, 30s.
06	TR-AF (AF model only) (TR=Temperature readout)	This gives option to choose to show air temperature,floor temperature or to show both floor & air in interval.	A=to show air temperature, F=to show floor temperature, A-F = to show both in 5 second intervals
07	MAXFT (set maximum floor temp in AF model)	This is to protect the floor surface.	40 degree (default)
08	Clock format	This is to set the backlight turning-on time. User can also set the backlight always on or off.	30 seconds (default) On= always on, OFF= always off
09	TF (temperature format)	This alows users to select between °C or °F.	°C or °F.
10	Clock	12/24-hour clock system selection	24 (default), 12- hour or 24-hour clock system
11	FP (Frost protection)	This is to avoid room temperature goes below 5°C	on= activated, off= deactivated
12	SC (setpoint configuration)	This allows user to select between 2 sets of default programmed set points.	"4" means the 4 programmes will have 4 independent set temperatures. Each set temperature can be different to the others. program 3 ; set temperature in program 2 equals the set temperature in program 4; If set temp in program 1 is changed, set temp in program 3temp in program 2 is changed, set temp in program 4 will be changed will be changed automatically to the same set temp as program 1. If set automatically to the same set temp as program 2.

Please Note: one of the following error messages will appear if one of these problems occur:
LO - This error means that the room or floor temperature is below 0°C
HI - This error means that the room or floor temperature is greater than 50°C
If the floor sensor is short-circuit or broken, the LCD will display "*ERR*" and the thermostat will cut off output.

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Auto / Manual Mode

Press button M to select Auto/Manual mode. In Manual mode, the thermostat maintains a constant set temperature manually set by the user. In Auto mode, the thermostat executes the pre-programmed schedules. To adjust these schedules, follow the easy steps below.

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Program your thermostat

1. Press and hold button M for 5 seconds until "PROG" is shown with the Day flashing. Use up or down button adjust the day (hold up or down button for 5 seconds to set all days the same).
2. Press button M to bring up the program 1 (Program 1). Use up or down button to set the start time (default 07:00). (Hold up or down button to change by 15 minutes each time.)
3. Press button M again and use up or down button to set the desired temperature to be maintained for program 1. (default 22°C)
4. Press button M to bring up the program 2 (Program 2). Use up or down button to set the start time (default 09:30). (Hold up or down button to change by 15 minutes each time.)
5. Press button M again and use up or down button to set the desired temperature to be maintained for program 2. (default 16°C)
6. Press button M to bring up the program 3(Program 3). Use up or down button to set the start time (default 16:30). (Hold up or down button to change by 15 minutes each time.)
7. Press button M again and use up or down button to set the desired temperature to be maintained for program 3. (default 22°C)
8. Press button M to bring up the program 4 (Program 4). Use up or down button to set the start time (default 22:30). (Hold up or down button to change by 15 minutes each time.)
9. Press button M again and use up or down button to set the desired temperature to be maintained for program 4.(default 16°C)
10. Press button M to accept and exit.

Please Note: It is faster to program the same schedule for the entire week and then to adjust the exceptional days. To erase program 2 and 3 for Saturday and Sunday,see below,
In step 1, select Saturday or Sunday.
In step 4, instead of using up or down button , using button will erase the time.(--:--).
In step 6, instead of using up or down button , using button will erase the time.(--:--).

Set the Time and Day

This thermostat is fitted with a real time clock. It is essential that the clock time and day are set accurately if you require your programmed events to start on time. Follow the easy steps, on the next page.

Step 1. Press the button and the time will flash

Step 2. Use up or down button to change the time
(Hold up or down button to change by 15 minutes each time.)

Step 3. Press button again, the day of the week will flash

Step 4. Use up or down button to change the day of the week

Step 5. Press button again to accept and exit

Resetting factory defaults

Your thermostat has the ability to reset all settings to the factory defaults. If you are certain you want to do this: In standby mode (when thermostat is turned off), press and hold button M and for 5 seconds until "*RESET*" is shown for 5 seconds on LCD.

Lock the buttons

To lock the buttons, press and hold the and buttons for 3 seconds until you see a lock icon appearing, to unlock, repeat the steps above.

View floor temperature

If thermostat is set in AF model, and set to show air temperature only, press and hold the down button for 3 seconds, floor temperature will show and it will automatically revert back to air temperature in 5 seconds.

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